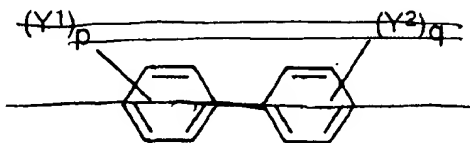
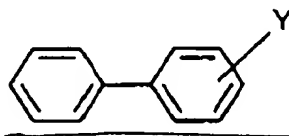


Amendments to the Claims

1. (currently amended) A non-aqueous electrolytic solution which comprises a non-aqueous solvent and an electrolyte which further contains 0.001 to 0.8 weight o of a biphenyl derivative having the following formula:



in which each of Y1 and V independently represents a hydroxyl group, an alkoxy group, a hydrocarbyl group, a hydrogen atom, an acyloxy group, an alkoxycarbonyloxy group, an alkylsulfonyloxy group or a halogen atom, and each of p and q independently is an integer of 1 to 3.



in which Y represents a hydroxyl group, an alkoxy group, a hydrocarbyl group, a hydrogen atom, an acyloxy group, an alkoxycarbonyloxy group, or an alkylsulfonyloxy group.

2. (cancelled)

3. (original) The- non-aqueous electrolytic solution of claim 1, wherein the amount of the biphenyl derivative is in the range of 0.01 to 0.5 weight %.

4. (currently amended) The non-aqueous electrolytic solution of ~~claim 2~~ claim 1, wherein the amount of the biphenyl derivative is in the range of 0.01 to 0.5 weight %.

5. (original) The non-aqueous electrolytic solution of claim 1, wherein the non-aqueous solvent comprises a combination of a cyclic carbonate and a linear chain carbonate.

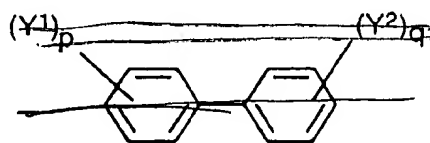
6. (currently amended) The non-aqueous electrolytic solution of ~~claim 2~~ claim 1, wherein the non-aqueous solvent comprises a combination of a cyclic carbonate and a linear chain carbonate.

7. (original) The non-aqueous electrolytic solution of claim 1, wherein the non-aqueous solvent comprises a high dielectric constant solvent which is selected from the

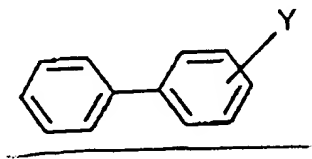
group consisting of ethylene carbonate, propylene carbonate, and butylene carbonate, and a low viscosity solvent which is selected from the group consisting of dimethyl carbonate, methyl ethyl carbonate, diethyl carbonate, tetrahydrofuran, 2-methyltetrahydrofuran, 1,4-dioxane, 1,2-dimethoxyethane, 1,2-diethoxyethane, 1,2-dibutoxyethane, γ -butyrolactone, acetonitrile, methyl propionate, and dimethylformamide.

8. (currently amended) The non-aqueous electrolytic solution of ~~claim 2~~ claim 1, wherein the non-aqueous solvent comprises a high dielectric constant solvent which is selected from the group consisting of ethylene carbonate, propylene carbonate, and butylene carbonate, and a low viscosity solvent which is selected from the group consisting of dimethyl carbonate, methyl ethyl carbonate, diethyl carbonate, tetrahydrofuran, 2-methyltetrahydrofuran, 1,4-dioxane, 1,2-dimethoxyethane, 1,2-diethoxyethane, 1,2-dibutoxyethane, γ -butyrolactone, acetonitrile, methyl propionate, and dimethylformamide.

9. (currently amended) A lithium secondary battery comprising a positive electrode, a negative electrode, and a non-aqueous electrolytic solution which comprises a non-aqueous solvent and an electrolyte which further contains 0.001 to 0.8 weight a of a biphenyl derivative having the following formula:



in which each of Y^1 and Y^2 independently represents a hydroxyl group, an alkoxy group, a hydrocarbyl group, a hydrogen atom, an acyloxy group, an alkoxy-carbonyloxy group, an alkylsulfonyloxy group or a halogen atom, and each of p and q independently is an integer of 1 to 3.



in which Y represents a hydroxyl group, an alkoxy group, a hydrocarbyl group, a hydrogen atom, an acyloxy group, an alkoxy-carbonyloxy group, or an alkylsulfonyloxy group.

10. (cancelled)